

2010-2014 Year Summary

2013 500-Streets

Project	Dept.	G.O. Bond	Municipal State Aid	Special Assessment	G.O. Water Revenue Bond	G.O. Sewer Revenue Bond	Stormwater Revenue	Blue Earth County	Other	Totals
Coy Street	E	104,651		61,559	22,572	16,416				205,198
Schaefers Subdivision	E			1,121,413						1,121,413
Lee Court	E	42,236		24,845	9,110	6,625				82,816
Anderson Court	E	39,227		23,074	8,641	6,153				77,095
East River Drive	E	380,679		223,929	82,107	59,714				746,429
West River Drive	E	360,967		212,333	77,856	56,622				707,778
Locust Street	E	136,473		63,673	7,004	5,093				212,243
Lewis Street	E	293,685		172,756	63,344	46,068				575,853
Hubbell Avenue	E	198,322		116,659	42,775	31,109				388,865
Tile Street	E	395,712		232,771	85,349	62,072				775,904
Alley Rehab and Overlay	E	149,050		121,950						271,000
Critical Sidewalks	E	75,000		15,000						90,000
Petition Projects	E	100,000								100,000
Overlay	E	200,000		150,000	25,000	25,000	150,000		50,000 Gen Fund	600,000
Stormwater Outfalls Corrections	E						50,000			50,000
Total		2,476,002		2,539,962	423,758	314,872	200,000		200,000	6,004,594

CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Coy Street	2013

Sources of Funding

General Obligation Bond	\$ 104,651
Special Assessment	\$ 61,559
G.O. Water Revenue Bonds	\$ 22,572
G.O. Sewer Revenue Bonds	\$ 16,416
Total Cost	\$ 205,198

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Coy Street from Warren Street to a point 386 feet north of the intersection of Warren Street and Coy Street, to include replacement of aging infrastructure and install new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and improving drainage

Pavement Rating: Good

Watermain Condition: Failing

Sewer Condition: Failing

Drainage to Streets: Fair

Site Requirements: None

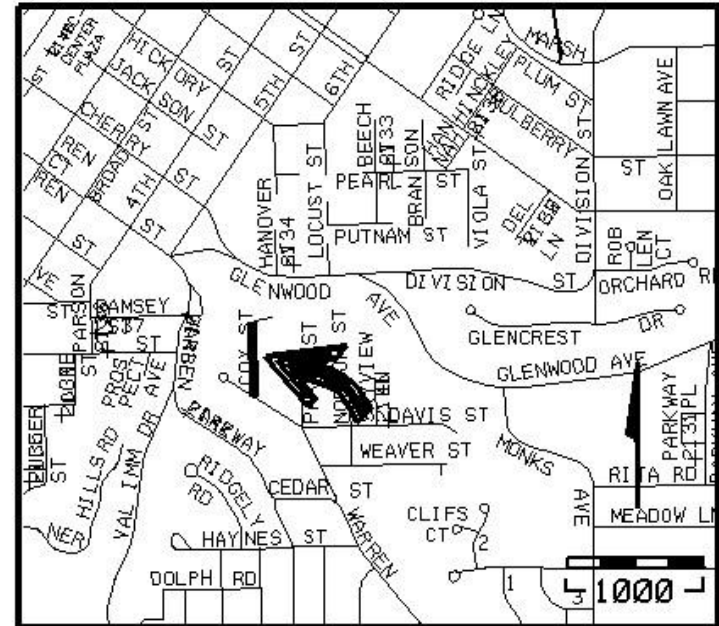
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: Coy Street was originally constructed at the turn of the century, and its proximity to the university and downtown made the Warren hill access to the city overlook residential area attractive. The closing of the University and the closing of Warren Street hill changed the character to a totally passive residential area. The concrete sanitary sewer, old watermain and lack of drainage make it a candidate for reconstruction.

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Schaefer's Subdivision	2013

Sources of Funding

Special Assessment

\$ 1,121,413

Total Cost

\$ 1,121,413

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Extend sewer and water to Schaefer's Subdivision per the orderly annexation agreement

Justification: Orderly annexation agreement

Site Requirements: None

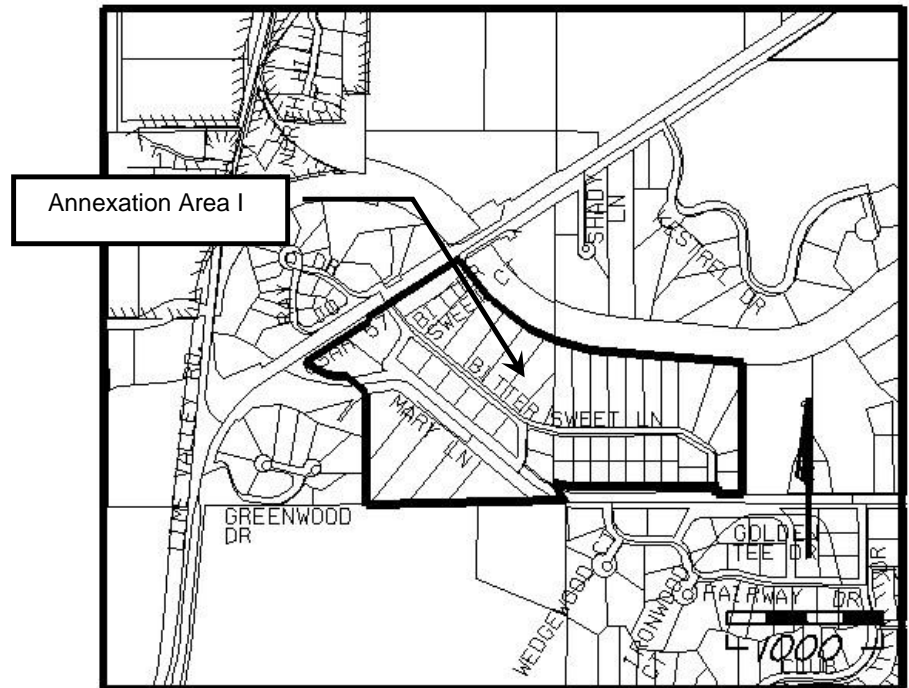
Impact: Reliable city sewer and water to residents annexed into the city.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: In 1997, the city of Mankato and Lime Township entered into an orderly annexation agreement to eliminate residential non-farm development without city services in Lime Township, and to establish a plan to effectively and efficiently provide city services to the rural subdivision. The agreement specified three Orderly Annexation Areas. Orderly Annexation Area I is scheduled to be annexed in 2013. The purpose of this line item is to provide services upon annexation to Schaefer's Subdivision and part of Jo Ray Estates.

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Lee Court	2013

Sources of Funding

General Obligation Bond	\$ 42,236
Special Assessment	\$ 24,845
G.O. Water Revenue Bonds	\$ 9,110
G.O. Sewer Revenue Bonds	\$ 6,625
Total Cost	\$ 82,816

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Lee Court from West River Drive to a point 156 feet southwest of the intersection of West River Drive and Lee Court, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Poor

Watermain Condition: Failing

Sewer Condition: Poor

Drainage to Streets: Poor

Site Requirements: None

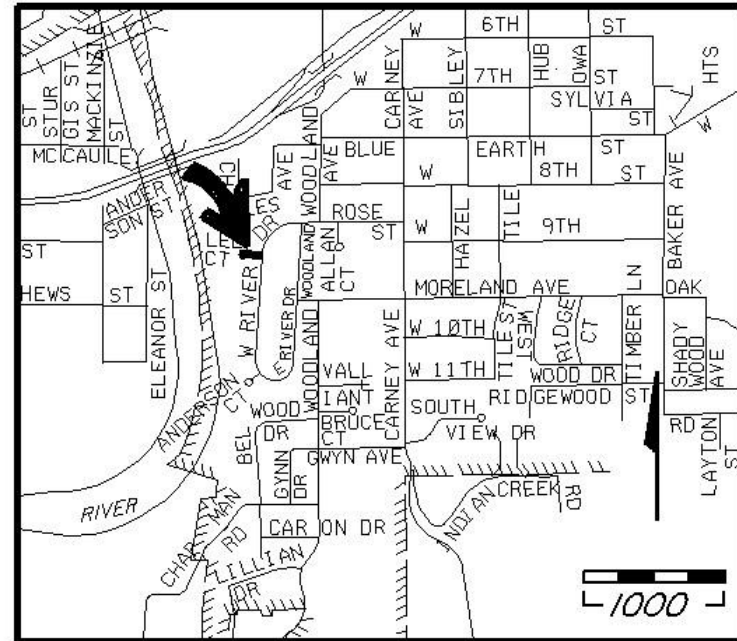
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Anderson Court	2013

Sources of Funding

General Obligation Bond	\$ 39,227
Special Assessment	\$ 23,074
G.O. Water Revenue Bonds	\$ 8,641
G.O. Sewer Revenue Bonds	\$ 6,153
Total Cost	\$ 77,095

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Anderson Court from West River Drive to a point 145 feet southwest of the intersection of West River Drive and Anderson Court, to include replacement of aging infrastructure and install new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and improving drainage

Pavement Rating: Poor

Watermain Condition: Failing

Sewer Condition: Poor

Drainage to Streets: Poor

Site Requirements: None

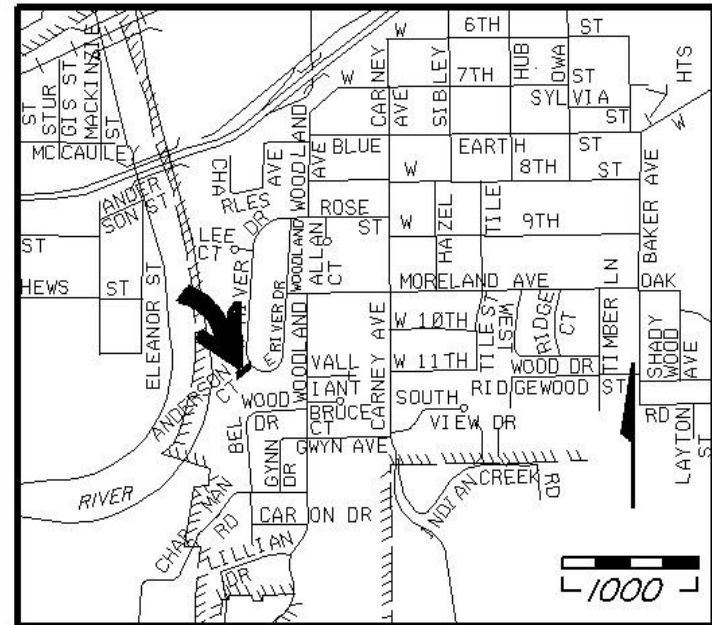
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	East River Drive	2013

Sources of Funding

General Obligation Bond	\$ 380,679
Special Assessment	\$ 223,929
G.O. Water Revenue Bonds	\$ 82,107
G.O. Sewer Revenue Bonds	\$ 59,714
Total Cost	\$ 746,429

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of East River Drive from Anderson Court to West River Drive, to include replacement of aging infrastructure and install new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and improving drainage

Pavement Rating: Poor

Watermain Condition: Failing

Sewer Condition: Poor

Drainage to Streets: Poor

Site Requirements: None

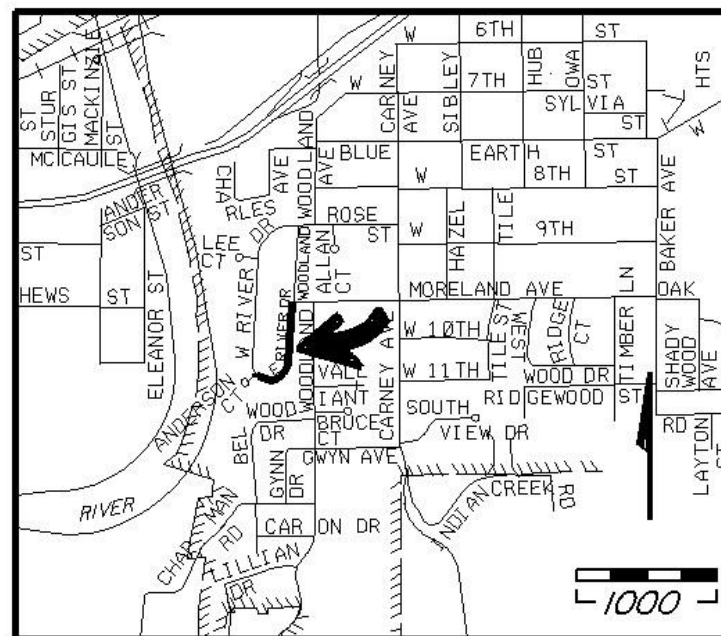
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	West River Drive	2013

Sources of Funding

General Obligation Bond	\$ 360,967
Special Assessment	\$ 212,333
G.O. Water Revenue Bonds	\$ 77,856
G.O. Sewer Revenue Bonds	\$ 56,622
Total Cost	\$ 707,778

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of West River Drive from Anderson Court to the intersection of West River Drive and Woodland Avenue, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Poor

Watermain Condition: Failing

Sewer Condition: Poor

Drainage to Streets: Poor

Site Requirements: None

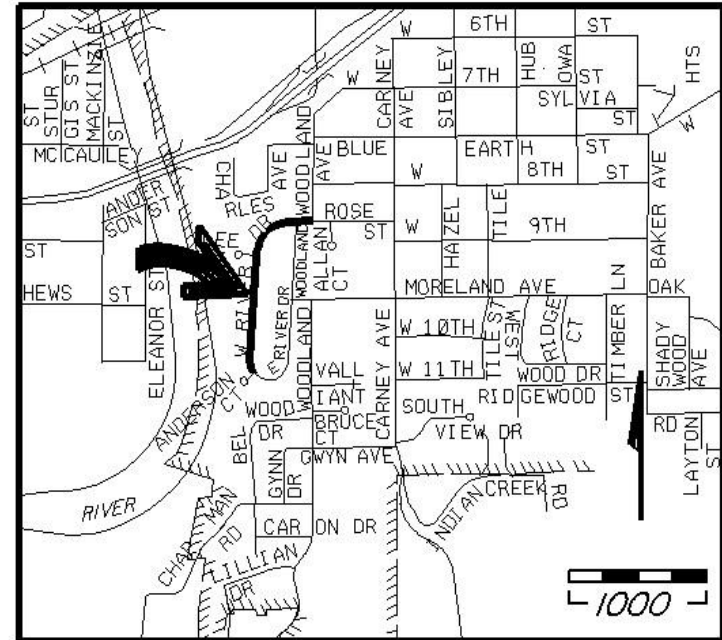
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Locust Street	2013

Sources of Funding

General Obligation Bond	\$ 136,473
Special Assessment	\$ 63,673
G.O. Water Revenue Bonds	\$ 7,004
G.O. Sewer Revenue Bonds	\$ 5,093
Total Cost	\$ 212,243

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Locust Street from a point 400 feet south of Hickory Street to Hickory Street, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Poor

Watermain Condition: Failing

Sewer Condition: Poor

Drainage to Streets: Poor

Site Requirements: None

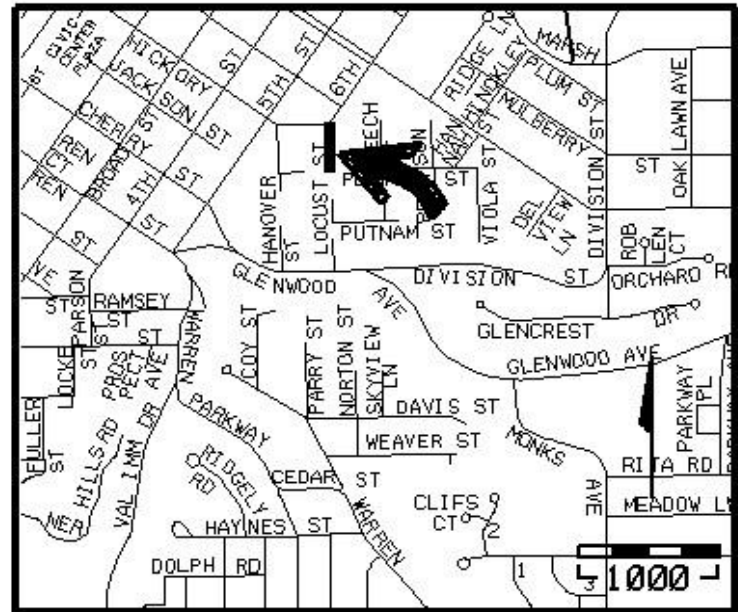
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Lewis Street	2013

Sources of Funding

General Obligation Bond	\$ 293,685
Special Assessment	\$ 172,756
G.O. Water Revenue Bonds	\$ 63,344
G.O. Sewer Revenue Bonds	\$ 46,068
Total Cost	\$ 575,853

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Lewis Street from a point 148 feet west of Florence Street to Byron Street, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Poor to very poor

Watermain Condition: Good to failing

Sewer Condition: Poor

Drainage to Streets: Poor

Site Requirements: None

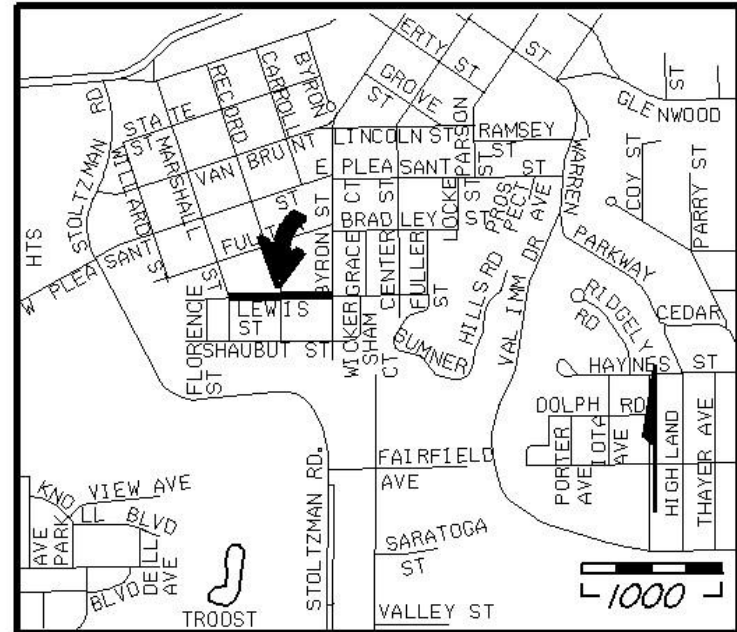
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT		PROJECT TITLE	CONSTRUCTION YEAR
Engineering		Hubbell Avenue	2013

Sources of Funding

General Obligation Bond	\$ 198,322
Special Assessment	\$ 116,659
G.O. Water Revenue Bonds	\$ 42,775
G.O. Sewer Revenue Bonds	\$ 31,109
Total Cost	\$ 388,865

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Hubbell Street from West 7th Street to West 8th Street, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Poor to very poor

Watermain Condition: Failing

Sewer Condition: Poor

Drainage to Streets: Poor

Site Requirements: None

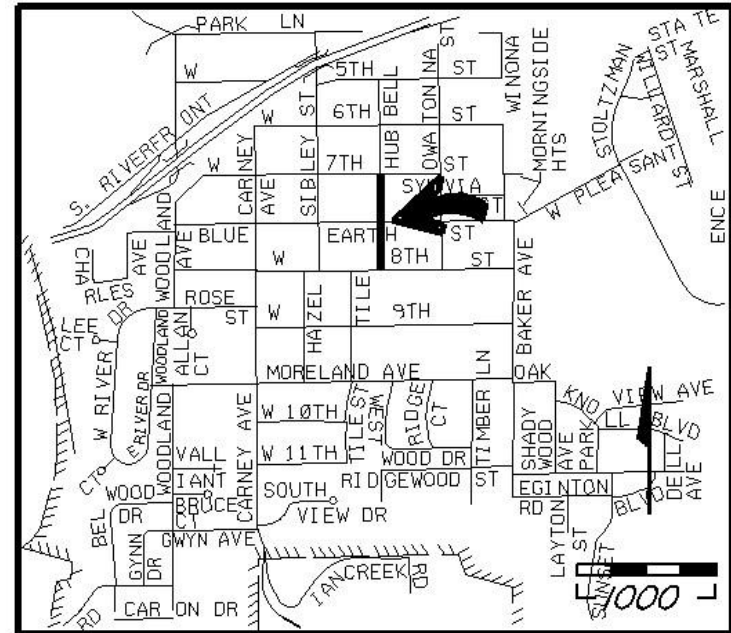
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Tile Street	2013

Sources of Funding

General Obligation Bond	\$ 395,712
Special Assessment	\$ 232,711
G.O. Water Revenue Bonds	\$ 85,349
G.O. Sewer Revenue Bonds	\$ 62,072
Total Cost	\$ 775,904

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Complete reconstruction of Tile Street from West 11th Street to West 8th Street, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

Justification: Replacement of aging facilities and drainage improvement

Pavement Rating: Fair

Watermain Condition: Poor to failing

Sewer Condition: Poor

Drainage to Streets: Fair to poor

Site Requirements: None

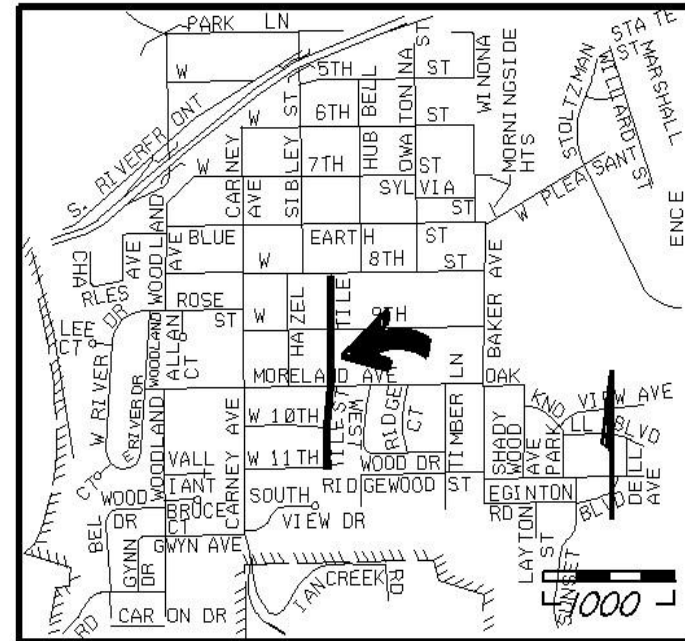
Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

LOCATION AND RELEVANT GRAPHIC DETAILS



CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Alley Rehab and Overlay	2013

Sources of Funding

General Obligation Bond	\$ 149,050
Special Assessment	\$ 121,950
Total Cost	\$ 271,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Construct and rehabilitate alleys within the city limits as identified in the Alley Master Plan developed by engineering staff

Justification: Replacement of unserviceable surfacing and improving drainage.

Alley 13-330, from Owatonna to Winona between West 5th and West 6th

Pavement Rating: Gravel
Drainage to Streets: Poor

Alley 13-333, from Owatonna to Winona between West 6th and West 7th

Pavement Rating: Gravel
Drainage to Streets: Poor

Alley 13-332, from Hubbell to Owatonna between West 6th and West 7th

Pavement Rating: Partially paved
Drainage to Streets: Poor

Alley 13-335, from Hubbell to Owatonna between Blue Earth and 7th

Pavement Rating: Very poor
Drainage to Streets: Very Poor

Alley 13-378, from West 8th to Blue Earth between Owatonna and Baker

Pavement Rating: Poor
Drainage to Streets: Poor

Alley 13-307, from Sibley to a point 195 feet west of Sibley between West 5th and West 6th

Pavement Rating: Gravel
Drainage to Streets: Poor

Alley 13-331, from Sibley to Hubbell between West 6th and West 7th

Pavement Rating: Gravel
Drainage to Streets: Poor

Alley 13-328, from Sibley to Hubbell between West 5th and West 6th

Pavement Rating: Gravel
Drainage to Streets: Poor

Alley 13-310, from Carney to Sibley between Blue Earth and West 7th

Pavement Rating: Very poor
Drainage to Streets: Very poor

Alley 13-309, from Carney to Woodland between Blue Earth and West 7th

Pavement Rating: Gravel
Drainage to Streets: Poor

Site Requirements: None

Impact: Neighborhood improvements and reduction of maintenance expenditures.

Planning Commission Comment:

Multi-Modal Committee Comment:

Project History: Engineering staff was directed to come up with an Alley Master Plan to address continual long-term maintenance issues with poor alley surfacing conditions and eliminate unsurfaced alleys. In 2009, staff completed the master plan and began its implementation.

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CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Critical Links Sidewalk Program	2013

Sources of Funding

G.O. Bond	\$75,000
Special Assessment	\$15,000
Total Cost	\$90,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Construct 5-foot concrete walks within 2 miles of schools in Mankato according to the sidewalk ordinance, and 5-foot walkways with pedestrian accessibility ramps located within the walking radius of Mankato public schools District 77.

Justification: Improve pedestrian safety in school areas.

Site Requirements: Located within existing rights-of-way.

Impact: Maintenance obligations: Property owners will be asked to maintain more sidewalks in these nonexistent sidewalk areas so that peoples and students will not be asked to walk in the street, and have a safe refuge year-round as they move to school and playground sites.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: Mankato has, since the 1950s, suffered from a lack of sidewalks when the policy was changed not requiring sidewalks to be installed when houses were built. In 1985, the City Council instructed us to make sure that sidewalks went in and were proposed on all reconstructions, with minimal exceptions. That concept was enforced. In 1996, after years of agonizing study, the City Council adopted a sidewalk ordinance identifying missing links in the system, and determined that all new construction and reconstruction would incorporate sidewalks in accordance with the ordinance. Determined Councils since that date have accommodated 100% of those walkways; however, we are now faced with a series of obvious missing links in the system where safe routes to school terminate at certain locations and then start again when the routes hit the district properties. Parent/teacher organizations and campus safety staffs have identified these risk areas and have encouraged us to install these missing links.

Correspondence from the Kennedy School area, where many of the ordinance links were constructed in the last several years, made it obvious the missing links now are the unsafe portions of the project. Since the year 2000, District 77 was forced by budget cuts to further reduce busing in the area and elementary students within one mile and high school students within two miles of the school are encouraged to walk. This situation further exacerbates the identified problem. Applied for Safe Routes to School Grants for 2007, 2008.

A list of identified Critical Link Sidewalks:

- Woodland, Moreland to Blue Earth
- Blue Earth, Woodland to Carney
- Warren, Maywood to Malin

CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Petition Projects	2013

Sources of Funding

General Obligation Bond

\$ 100,000

Total Cost

\$ 100,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Miscellaneous Improvements requested from property owners that may have some General Obligation funding, such as:

Alley surfacing petitions other than Alley Rehab Program

Street resurfacing petitions other than in the Resurfacing Program

Subdivision development that may have pipe oversizing city share

Justification: Each petitioned improvement may be ordered based upon its own merits and availability of General Obligation funding. If General Obligation funding is not available, or is greater than \$100,000, the project may be incorporated into future CIP years.

Site Requirements: As may be required on individual project requests

Impact: City financing limited to \$100,000 annual share

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: None

CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering Public Works	Overlays 2013	2013

Sources of Funding

General Obligation Bond	\$200,000
Special Assessment	\$150,000
G.O. Water Revenue Bond	\$25,000
G.O. Sewer Revenue Bond	\$25,000
Stormwater Revenue	\$150,000
Other	<u>\$ 50,000</u>
Total Cost	\$600,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Provide 2" mill and overlay to the listed streets to restore surface and improve rideability.

Justification: Selected streets have deteriorated to the point where major maintenance is required to increase service life.

Site Requirements: None

Impact: Improved surface conditions, rideability and increased service life for the selected streets.

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

Project History: This is an annual coordinated project between Public Works and Engineering staff to address maintenance issues with regard to surface conditions on streets.

CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Stormwater Outfalls Corrections	2013

Sources of Funding

Stormwater Revenue	\$ 50,000
Total Cost	\$ 50,000

PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

Project Description: Study erosion in Barnes Ravine and the MSU athletic field runoff

Justification:

Watermain Condition: N/A

Sewer Condition: OK

Drainage to Streets:

Site Requirements:

Impact: Stabilize creek

Planning Commission Comment: None (2008)

Multi-Modal Committee Comment:

PROJECT HISTORY

LOCATION AND RELEVANT GRAPHIC DETAILS